

What is claimed is:

1. A drum type washing machine comprising:
  - a cabinet forming an exterior;
  - a tub in the cabinet to hold water;
  - a drum in the tub to hold a detergent and the water;
  - a rotational shaft penetrating into the tub to be coupled with a rear side of the drum;
  - a motor transferring a driving force to the rotational shaft; and
  - a damper provided between the tub and the cabinet to attenuate vertical, horizontal, and front-to-rear vibrations transferred to the tub by a rotation of the drum.
2. The drum type washing machine as claimed in claim 1, wherein the damper comprises a cylinder and a piston inserted in the cylinder to reciprocate.
3. The drum type washing machine as claimed in claim 2, wherein a cylinder holder is provided at one end of the cylinder to be coupled with the tub and a piston holder is provided at one end of the piston to be coupled with the cabinet.
4. The drum type washing machine as claimed in claim 3, wherein the cylinder and piston holders are hinge-coupled with fixing ends provided at the tub and cabinet, respectively.
5. The drum type washing machine as claimed in claim 1, the damper comprising:

first and second dampers provided at left and right sides under a bottom of the tub to attenuate the vertical and horizontal vibrations; and

a third damper provided in rear of the tub to attenuate the front-to-rear vibration.

6. The drum type washing machine as claimed in claim 5, wherein each of the first to third dampers comprises a cylinder and a piston inserted in the cylinder to reciprocate.

7. The drum type washing machine as claimed in claim 6, wherein a cylinder holder is provided at one end of the cylinder to be coupled with the tub and a piston holder is provided at one end of the piston to be coupled with the cabinet.

8. The drum type washing machine as claimed in claim 7, wherein the cylinder and piston holders are hinge-coupled with fixing ends provided at the tub and cabinet, respectively.

9. A damper of a drum type washing machine, comprising:  
first and second dampers provided at left and right sides under a bottom of the tub to attenuate the vertical and horizontal vibrations; and

a third damper provided in rear of the tub to attenuate the front-to-rear vibration.

10. The damper as claimed in claim 9, wherein each of the first to third dampers comprises a cylinder and a piston inserted in the cylinder to reciprocate.

11. The damper as claimed in claim 10, wherein a cylinder holder is provided at

49 one end of the cylinder to be coupled with the tub and a piston holder is provided at one end  
50 of the piston to be coupled with the cabinet.

51  
52 12. The damper as claimed in claim 11, wherein the cylinder and piston holders  
53 are hinge-coupled with fixing ends provided at the tub and cabinet, respectively.